

3XMAG-1**AIMPOINT® 3XMAG-1****AIMPOINT® 3XMAG-1**

Item No.	200271
Aiming dot size	None, uses the reticle / red dot in the Aimpoint sight

OVERVIEW

The Aimpoint® 3XMag-1 can be used in conjunction with all Aimpoint® sights for long-range aiming or observation. A variable (-3 to +3) dioptic setting allows this magnifier to be adapted to the individual operator's eye.

Launched 2016.

The 3XMag-1 can also be used as a handheld 3X monocular. Aimpoint magnifiers utilize the red dot in Aimpoint sights as the aiming reticle, eliminating the need for re-zeroing when shifting between non-magnified and magnified aiming.

The 3XMag-1 is encased in a shock absorbing protective rubber cover that also creates an ideal ergonomic grip. Internal optical adjustments make aligning the magnifier and sight quick and easy.

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TECHNICAL SPECIFICATIONS

GENERAL SPECIFICATIONS
Item No.: 200271

OPTICAL SPECIFICATIONS
Optical magnification: 3x
Aiming dot size: None, uses the reticle / red dot in the Aimpoint sight
NVD compatible: Yes
Field of view (FoV): 7°
Exit pupil: 6.5 mm (0.3 in)
Eye relief: 70 mm (2.8 in)
Transmission: 75 % (photopic, integral transmission)
Dioptric adjustment: ± 3.0 D

PHYSICAL SPECIFICATIONS
Length sight only: 117 mm (4.6 in)
Width sight only: 46 mm (1.8 in)
Height sight only: 43 mm (1.7 in)
Weight sight only (incl battery): 230 grams (8.1 oz) including rubber cover
Housing material: Hard-anodized aluminum
Housing finish and color: Matte dark grey to black
Surface treatment: Hard anodized, matte, with protective rubber armor cover

ENVIRONMENTAL SPECIFICATIONS
Temperature range operation: -45°C to +71°C (-49°F to +160°F)
Temperature range storage: -45°C to +71°C (-49°F to +160°F)
Temperature shock: Operable after a temperature shock between -40°C and +55°C (-40°F and +131°F)
Humidity: Operable during and after Humidity. Limits: RH: 95%, Temp: +20°C to +50°C (+68°F to +122°F), cyclic
Submersible: To a depth of 25 m (80 ft.)
Shock: Withstands shock. Limits: X-axis: 500 g, 0.7 - 1.1 ms (3 shocks), Y-axis: 40g ±4g, 11 ±1ms (2 shocks in each direction, Z-axis: 40g ±4g, 11 ±1ms (2 shocks in each direction).
Vibration: Withstands Vibration. Limits: Vibration, sinusoidal in a frequency range of 10-150 Hz. Frequency: 10-30 Hz, ±1.587 mm, Frequency: 30-150 Hz. 5.75 g, 1 octave/min. Direction: X, Y and Z, Time: 30 min/direction.
Other information for Environmental Specifications: Salt fog: 5 % NaCl solution at a temperature of 35 °C